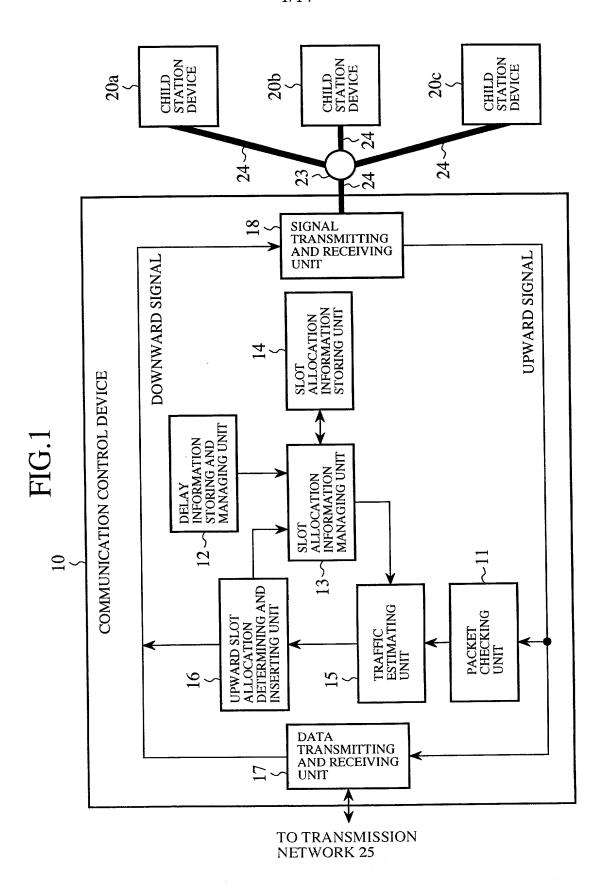
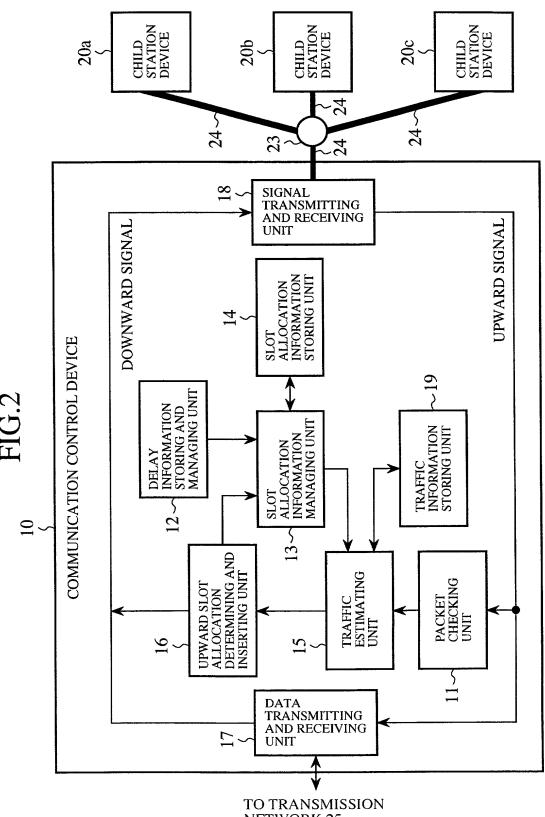
OBLON, SPIVAK, ET AL DOCKET #: 210767US2 INV: Minoru AKITA, et al. SHEET 1 OF 14

1/14

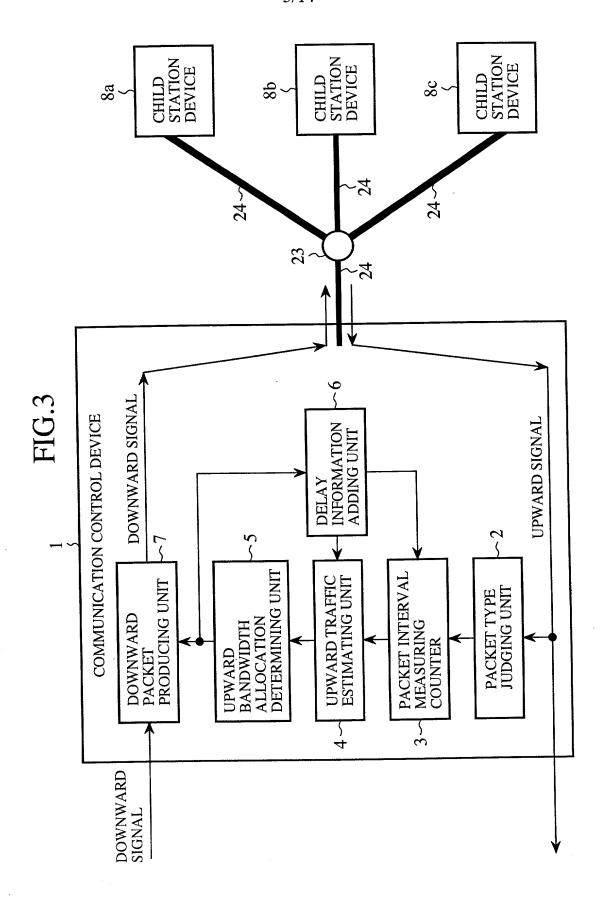


OBLON, SPIVAK, ET AL. **DOCKET #: 210767US2** INV: Minoru AKITA, et al. SHEET 2 OF 14

2/14



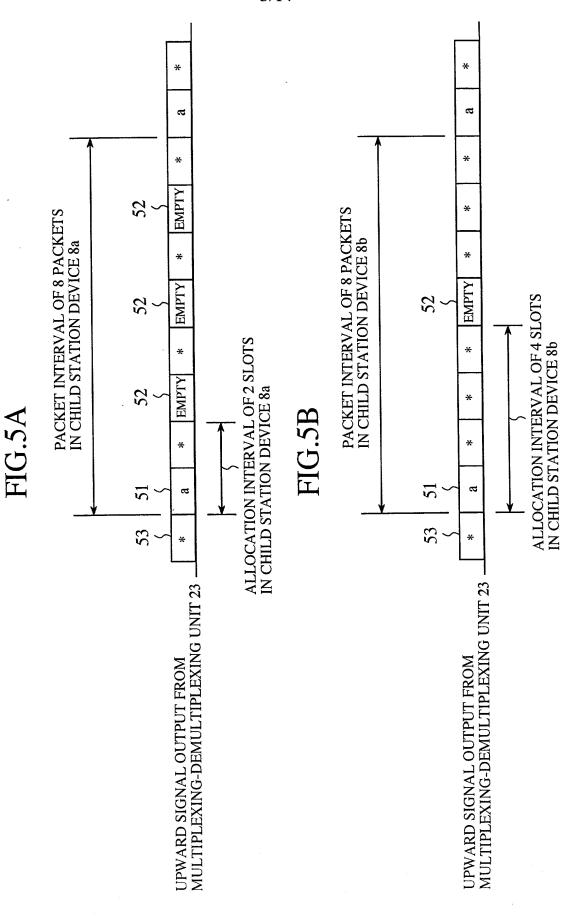
TO TRANSMISSION NETWORK 25

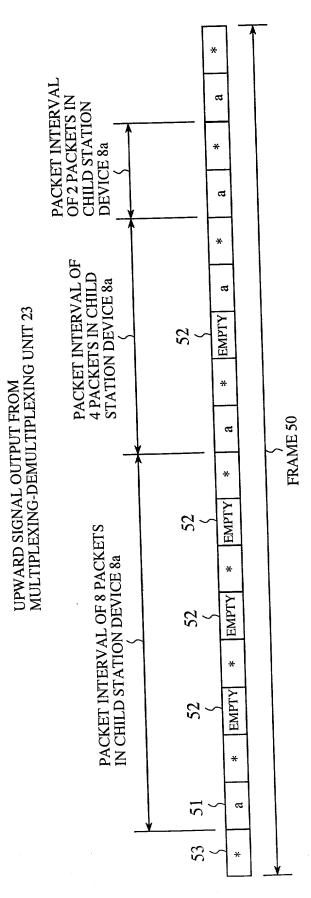


OBLON, SPIVAK, ET AL DOCKET #: 210767US2 INV: Minoru AKITA, et al. SHEET 4 OF 14

4/14

FRAME 50 FIXED DELAY TIME SENT FROM PARENT STATION DEVICE TO CHILD STATION DEVICE  $\Delta T$ 53 51 RANGE CORRESPONDING TO FRAME ಡ ಡ UPWARD SIGNAL OUTPUT FROM MULTIPLEXING-DEMULTIPLEXING UNIT 24 DOWNWARD SIGNAL OUTPUT FROM COMMUNICATION CONTROL DEVICE 1



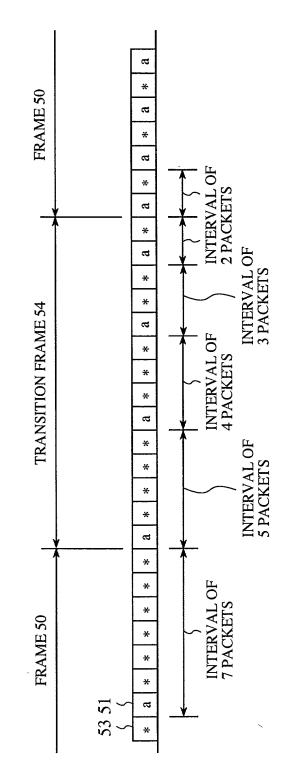


or of the first

The second of the second of the second secon

FIG.7

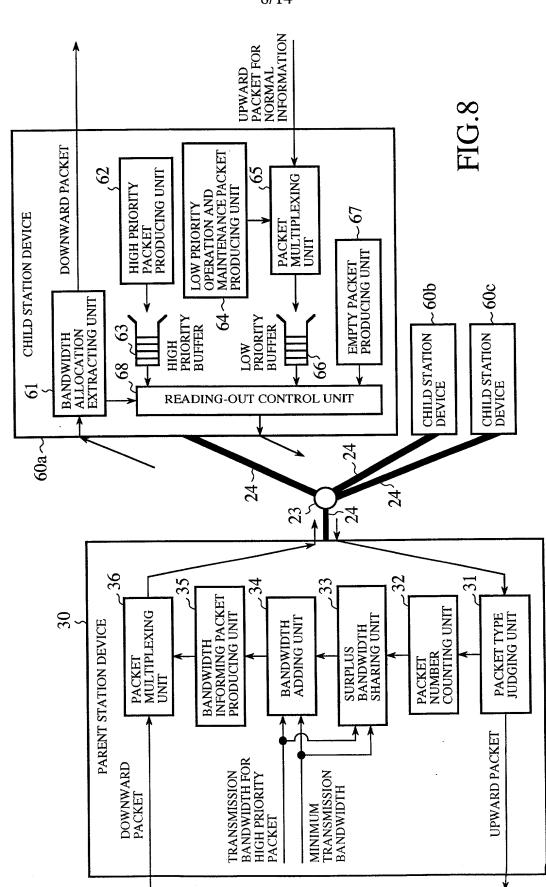
UPWARD SIGNAL OUTPUT FROM MULTIPLEXING-DEMULTIPLEXING UNIT 23



(UNIT: PACKET)

OBLON, SPIVAK, ET AL DOCKET #: 210767US2 INV: Minoru AKITA, et al. SHEET <u>8</u> OF <u>14</u>

8/14



η(c)

OBLON, SPIVAK, ET ALDOCKET #: 210767US2
INV: Minoru AKITA, et al. SHEET 9 OF 14

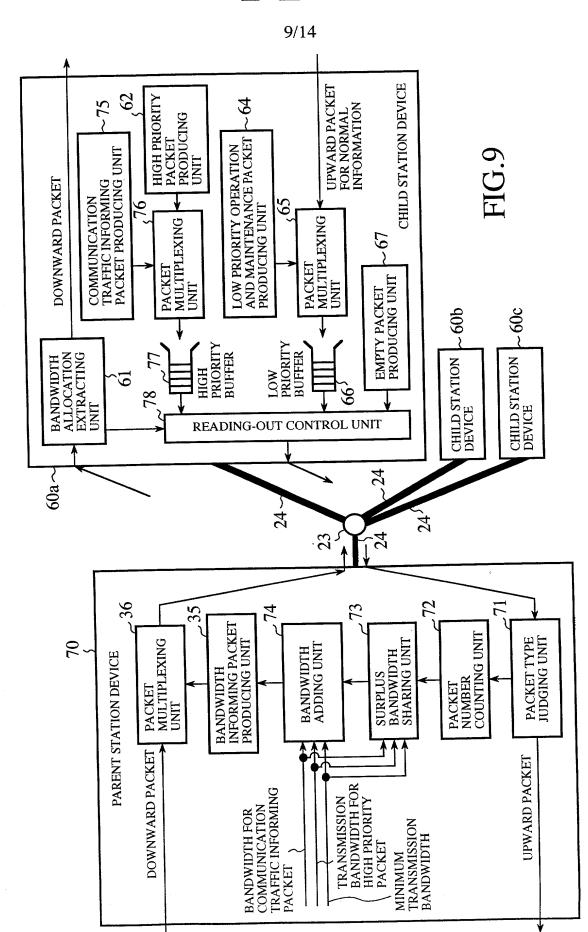
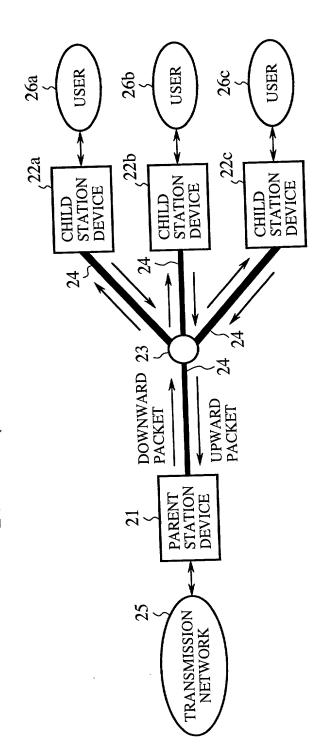


FIG.10 (PRIOR ART)

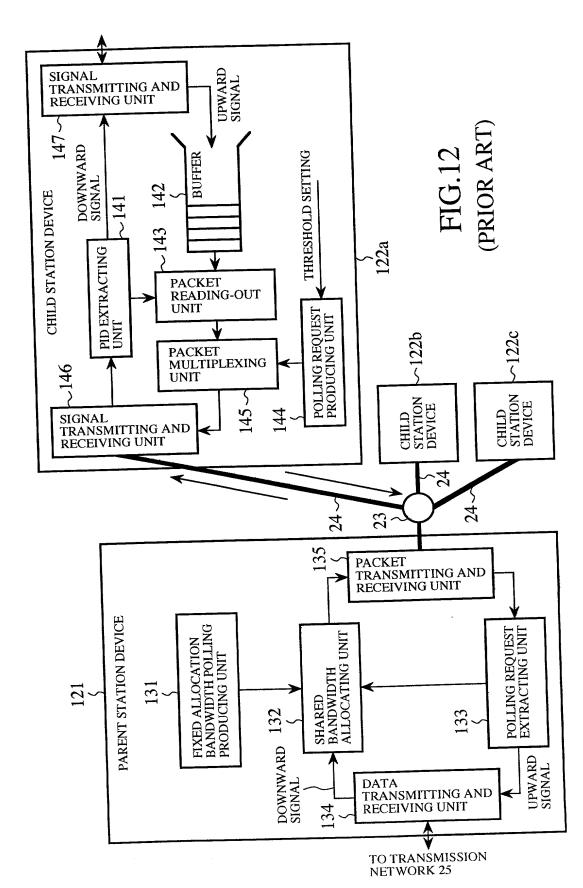


FOR CHILD STATION DEVICE 22c 47 47 22c 22c 1~46 EMPTY 4 46 22b 22b 45 FOR CHILD STATION DEVICE 22a 41 45 22a 22a DELAY TIME AT FOR CHILD STATION DEVICE 22b FIG.11 (PRIOR ART) 42 22a 22b 22c 40 FOR CHILD STATION DEVICE 22b 42 UPWARD SIGNAL OUTPUT FROM MULTIPLEXING-DEMULTIPLEXING UNIT 23 DOWNWARD PACKETS OUTPUT FROM PARENT STATION DEVICE 21 UPWARD PACKET OUTPUT FROM CHILD STATION DEVICE 22c UPWARD PACKET OUTPUT FROM CHILD STATION DEVICE 22a UPWARD PACKET OUTPUT FROM CHILD STATION DEVICE 22b

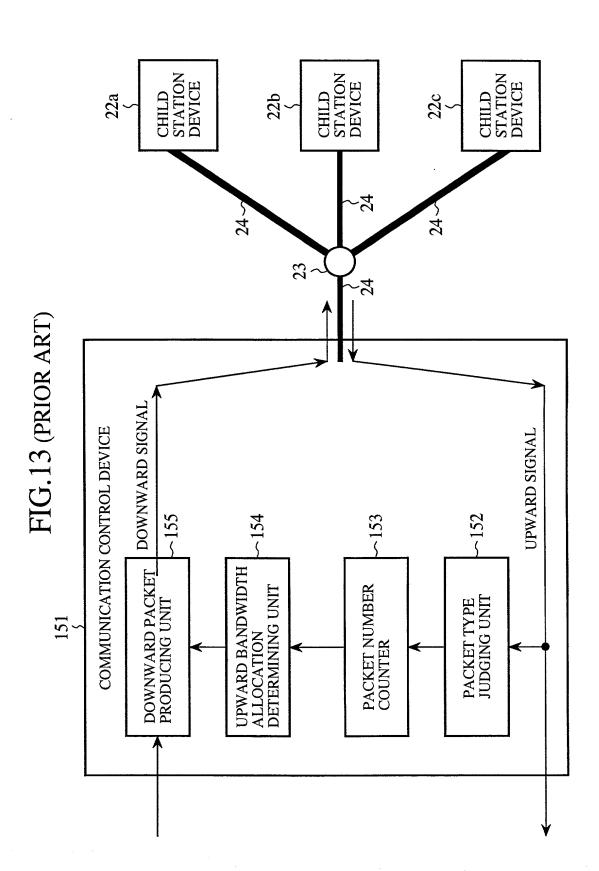
(0.0)

OBLON, SPIVAK, ET AL DOCKET #: 210767US2 INV: Minoru AKITA, et al. SHEET 12 OF 14

12/14



13/14



OBLON, SPIVAK, ET AL DOCKET #: 210767US2 INV: Minoru AKITA, et al. SHEET 14 OF 14

14/14

